

Docket No.: L192-1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Joshua P. Averett et al.

Serial No.:

Group No.:

Filed:

Examiner:

For: FIBER-OPTIC APPARATUS AND METHOD FOR MAKING SIMULTANEOUS
MULTIPLE PARAMETER MEASUREMENTS

CERTIFICATION UNDER 37 C.F.R. 1.10

I hereby certify that this correspondence and the documents referred to as enclosed therein is being deposited with the United States Postal Service on this date March 19, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number ER323393771US addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

March 19, 2004
Date


JOY L. BRYANT

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

INFORMATION DISCLOSURE STATEMENT

Sir:


Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. These documents are not necessarily analogous art. It is respectfully requested that these documents be considered by the examiner and an initialed copy of each form be returned to the undersigned.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information

cited is, or is considered to be, material to patentability, or that no other material information exists. It is believed that this disclosure complies with the requirements of 37 C.F.R. 1.56, 1.97 and 1.98, and the Manual of Patent Examining Procedure section 609. If for some reason the examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

The filing of this information disclosure statement shall not be construed as an admission against interest in any matter. Notice of January 9, 1992, 1135 O.G. 13-25 at 25.

Respectfully submitted,


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PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number			
		Filing Date			
		First Named Inventor		Joshua P. Averett	
		Art Unit			
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	L192-1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		T.A. TRAN, ET AL., "Real-Time Immunoassays Using Fiber-Optic Long-Period Grating Sensors," SPIE, January 1996, p. 165-170, vol. 2676.	
		A.M. VENGSARKAR ET AL., "Long-Period Fiber Gratings As Band-Rejection Filters," Optical Fiber Communication '95, February 26-March 3, 1995, pp. PD4-1 - PD4-5.	
		A.M. VENGSARKAR ET AL., "Long-Period Fiber Gratings As Gain-Flattening And Laser Stabilizing Devices," Tenth International Conference on Integrated Optics and Optical Fibre Communication, June 26-30, 1995, pp. 3-4, Vol. 5, Hong Kong.	
		A.M. VENGSARKAR ET AL., "Long-Period Fiber Gratings as Band-Rejection Filters," Journal of Lightwave Technology, January 1996, pp. 58-65, Vol. 14, No. 1.	
		A.M. VENGSARKAR ET AL., "Long-Period Cladding-Mode-Coupled Fiber Gratings: Properties and Applications," Technical Digest Series, September 9-11, 1995, pp. SaB2-1 - SaB2-4,	
		vol. 22.	
		V. BHATIA ET AL., "Optical Fiber Long-Period Grating Sensors," Lightnews, Winter 1995, pp. 6-11.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 1 of 2

Application Number	
Filing Date	
First Named Inventor	Joshua P. Averett
Art Unit	
Examiner Name	
Attorney Docket Number	L192-1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2003/0130167A1	07-10-2003	Pitner et al.	
		US- 6,576,430 B1	06-10-2003	Hsieh et al.	
		US- 5,864,641	01-26-1999	Murphy et al.	
		US- 5,641,956	06-24-1997	Vengsarkar et al.	
		US- 6,035,082	03-07-2000	Murphy et al.	
		US- 6,275,628 B1	08-14-2001	Jones et al.	
		US- 6,021,240	02-01-2000	Murphy et al.	
		US- 6,343,168 B1	01-29-2002	Murphy et al.	
		US- 6,366,722 B1	04-02-2002	Murphy et al.	
		US- 5,430,817	07-04-1995	Vengsarkar	
		US- 6,058,226	05-02-2000	Starodubov	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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